Rocket and weapon technology service in the command MB

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technique catalogue

R-60M air-to-air missile

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Purpose:
guided air-to-air missile with IR head for short distances

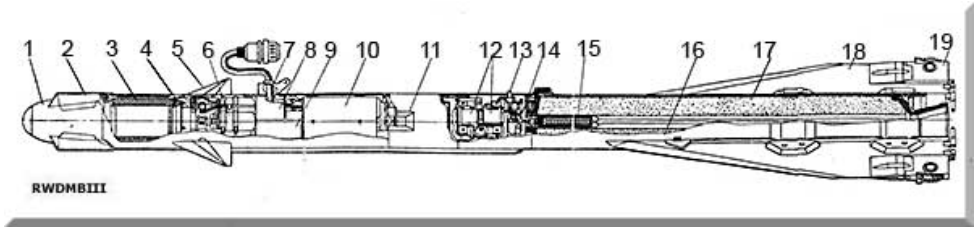
techn. Data:
- length: 2.10 m
- fuselage diameter: 120 mm
- wingspan: 390 mm
- mass: 43.5 kg
- drive: solid fuel engine
- mass of combat part: 3.5 kg
- fuze: radio proximity and impact

fuze - launch distance max .: 8 km
- range: 12 km
- target speed. max: 2500 km/h
- Guidance system: infrared passive
- Guidance method: proportional approach
- Launch system on aircraft SU-17, SU-24, MiG-21 MiG-23, MiG-27, MiG-29

2650 pieces were disposed of in Pinnow.

List of numbers : 30 85 00 (product 62K)

Construction:



1 Target seeker steering head cover
2 Destabilizer
3 Combat part
4 Safety and ignition device
5 Rudder
6 Rudder drives
7 On-board cable
8 Automatic
block 9 Control block
10 Autopilot
11 radio proximity sensor
12 turbo generator
13 transducer
14 gas generator
15 ignition device
16 solid
fuel engine 17 fuel
18 wings with stabilizers
19 retractable gyroscope for stabilizers

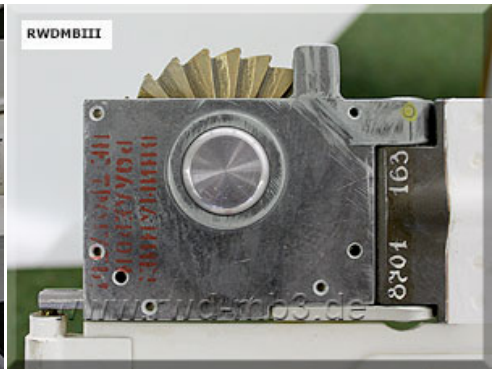
cutaway model

Infrared homing head without cover

IR head cover with destabilizers

Cover for the radio igniters and on-board cables

Wings with stabilizers



the stabilizers are controlled by centrifugal motors , which are rotated
by the airflow when the rocket is launched

Photos taken in the Telephone and Rocket Museum of the municipality of Pinnow